



తెలంగాణ రాజ పత్రము
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NOTIFICATIONS BY HEADS OF DEPARTMENTS, Etc.

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PUBLIC WORKS NOTIFICATIONS

TRANSMISSION CORPORATION OF TELANGANA LIMITED

NOTIFICATION

Lr.No.CE/400kv/SE.PM-I/DE-1/ADE2/F. GAZETTE/D.No.73/2018.- Transmission Corporation of Telangana Limited proposes the following Power Evacuation, System Improvement and Lift Irrigation Schemes for the year 2018-2021 with the erection of the Transmission Lines, Substations and Bay extensions. The Schemes are proposed for reduction of EHT transmission losses, improvement of voltage profiles & to meet the additional load demand in the Telangana region.

1. SITA RAMA LIFT IRRIGATION SCHEME

(T.O.O.(ED-LIS) Ms.No.1, Dt:03.01.2018)

- i. Erection of LILO of one circuit of 220 KV KTPS V-Lower Sileru-II Line to proposed Pump House at B.G. Kothur-20 km
- ii. Erection of LILO of one circuit of 220 KV KTPS-Manuguru Line to proposed Pump House at B.G. Kothur-1 km
- iii. Erection of 220/11kV Substation at B.G. Kothur
- iv. Erection of 220 kV TMDC Line from 400/220/11 kV Kamalapuram SS to 220/11 kV V.K.Ramavaram SS-25 KM
- v. Erection of 220/11kV Substation at V.K.Ramavaram
- vi. 400 KV TMDC Line from 400/220 KV Julurupadu SS to 400/220/11 KV Kamalapuram SS-50 KM
- vii. Erection of 400/220/11kV LIS SS at Kamalapuram
- viii. Erection of 2 Nos 400kV Quad Moose Bays at 400/220 KV Julurupadu SS

2. PALAMURU-RANGAREDDY LIFT IRRIGATION SCHEME

(T.O.O.(CE-PROJECTS-II) MS.NO.11, DT:09.05.2017)

- i. 400kV QMDC line from proposed 400/11kV Yedula SS to 400/11kV Narlapur SS-30km
- ii. Erection of 400/11kV SS at Narlapur

- iii. 400kV QMDC line from 400/220kV Maheshwaram SS to 400/11 kV Yedula SS - 130 kM
- iv. 400kV QMDC line from 400/220kV Veltoor SS to 400/11 kV Yedula SS-50 kM
- v. Erection of 2 Nos 400kV Quad Moose bays at Veltoor SS for Yedula feeders
- vi. Erection of 2 Nos 400kV Quad Moose bays at Maheshwaram SS for Yedula feeders
- vii. Erection of 400/11kV SS at Yedula
- viii. 400kV QMDC line from proposed 400/11kV Yedula SS to 400/11 Vатtem SS -60kM
- ix. 400kV QMDC line from proposed 400/11kV Vатtem SS to 400/11 Uddandapur SS -60kM
- x. Erection of 400/11kV SS at Vатtem
- xi. LILO of both circuits of 400kV Suryapet-Shankerpally QMDC Line to 400/11kV Uddandapur SS-50kM
- xii. Erection of 400/11kV SS at Uddandapur
- xiii. 220 kV TMDC line from 220kV Parigi SS to 220/11kV Laxmidevipally SS- 10kM
- xiv. Erection of 2 Nos 220kV Twin Moose bays at 220kV Parigi SS for Laxmidevipally feeders
- xv. Erection of 220/11kV SS at Laxmidevipally

3. RAYADURG SYSTEM IMPROVEMENT SCHEME

(T.O.O.(CE-400kV) Ms.No.79, Dt:13.04.2018)

- i. 400/220/132KV GIS Substation at Rayadurg - 2x500+2x160 MVA
- ii. 400kV DC Line from Proposed Rayadurg SS to Kethireddypally SS -43 kM
 - a) 400kV Twin HTLS DC line on Quad Conventional Towers from Kethireddypally SS to AP-41—29 kMS
 - b) 400kV Twin HTLS DC line on Monopoles from AP-41 to AP-75 (ORR Junction) —11 kM
 - c) 400kV XLPE UG Cable from AP-75 (ORR Junction) to proposed 400kV GIS Rayadurg—3 kM
- iii. 2 Nos. 400kV Quad Bay Extensions at 400/220/132kV Kethireddypally SS
- iv. LILO of 220kV Gachibowli – Shivarampally line to proposed Rayadurg SS - UG cable-4.5 kM
- v. LILO of 220kV Gachibowli – Shapurnagar Line to proposed Rayadurg SS - UG cable – 5 kM
- vi. LILO of 220kV Gachibowli – Miyapur Line to proposed Rayadurg SS – UG cable- 6.5 kM
- vii. LILO of 220kV Gachibowli – Erragadda Line to proposed Rayadurg SS - UG cable – 5 kM
- viii. 132kV DC line from proposed Rayadurg GIS to 132kV Madhapur SS - UG cable- 3.2 kM and 132kV Bay extensions at 132kV Madhapur SS
- ix. 132kV DC line from proposed Rayadurg GIS to 132kV Jubilee Hills SS - UG cable – 7 kM and 132kV Bay extensions at 132kV Jubilee Hills SS
- x. LILO of 132kV Erragadda – Shivarampally SS SC line to proposed Rayadurg SS - UG cable- 3.5 kM

4. NIRMAL POWER TRANSMISSION SCHEME

(T.O.O. (CE-400kV) Ms.No.07Dated: 09.01.2018)

- i. 400/220kV SS at Nirmal with 3x315 MVA.
- ii. 400kV Quad moose DC line from STPP,Jaipur to the 400/220kV Nirmal SS—145 kM.
- iii. Up gradation of 132/33 kV Renzal SS to 220/132 kV Renzal Sub Station with 2x100MVA
- iv. 220/132kV Sub-Station with 2 x 100 MVA PTR capacity at Indravelly in Adilabad District
- v. 220kV Multi circuit line for making LILO of existing 220kV RSS(Malyalpalli)–Nirmal and RSS-Vemnur-Nirmal DC line to existing 220/132kV Jagityal SS —3Kms
- vi. 220kV DC Line from 400/220kV Nirmal SS to 220kV Nirmal SS on Multi circuit towers -5 Kms

- vii. 220kV DC Line from 400/220kV Nirmal SS to the proposed up graded 220/132 kV Renzal SS - 68KM
- viii. 220kV DC Line from 400/220kV Nirmal SS to the proposed 220/132 kV Indravelly SS - 110KM
- ix. 220kV Bay Extensions at Jagityal 220kV SS- 4 Nos.
- x. 132kV DC Line from Proposed 220/132 kV Indravelly SS to 132/33 kV Utnoor SS - 15KM
- xi. DC line with Single Moose from proposed 220/132 kV Indravelly SS to 132/33 kV Asifabad SS on 220kV Galvanized DC towers – 74KM
- xii. 132kV LILO line to the proposed 220/132kV SS Indravelly from Loc No.211 (R+3) of existing 132kV Ichoda – Adilabad Line– 40KM
- xiii. 132kV DC line from Proposed 220/132 kV Indravelly SS to the existing 132kV Adilabad SS-67KM
- xiv. 132kV Bay Extensions at Utnoor SS-2Nos, Asifabad SS -2Nos and at Adilabad SS–2Nos

5. KTPS VII STAGE (1 X 800 MW) POWER TRANSMISSION SCHEME:

(T.O.O. (CE-400KV) MS.NO. 139, DT: 11.09.2017)

- i. 400/220kV Sub-Station at Jangaon, with 3 x 500MVA.
- ii. 400kV QMDC Line from KTPS Stage – VII Switchyard to 400/220kV Julurupadu SS – 39 kms.
- iii. 400kV Quad Moose DC line from 400/220kV Julurupadu SS to 400/220kV Jangaon Sub-Station - 170kms.
- iv. 400kV Quad Moose DC line from 400/220kV Jangaon Sub-Station to proposed 400kV Tippapur LI SS – 70 kms.
- v. 400kV Quad Bay Extensions at 400/220kV Julurupadu SS - 2 Nos.
- vi. 400 kV Quad Bay Extensions at 400kV Tippapur LI Sub Station - 2 Nos.
 - i Up gradation of 132/33kV Jangaon Sub Station to 220/132/33kV Jangaon Sub Station with 2x100 MVA.
 - ii. 220/132/33kV Sub-Station at Husnabad with 2 x 100MVA and 2x50 MVA
- iii. 220kV line with Multi circuit towers for making LILO of 220kV Waddekothapally-Bhongiri DC line (both circuits) to 400kV Jangaon SS – 26KM
- iv 220kV DC line for making LILO of 220kV KTPS-Shahpurnagar SC line to 400kV Jangaon SS - 8.5KM
- v LILO of 220kV KTPS-Shahpurnagar SC line to 220/132kV SS Waddekothapally-24KM
- vii. 220kV DC line from 400/220kV Jangaon SS to the proposed 220/132/33kV Husnabad SS -60KM
- viii. 220kV DC line from 400/220kV Jangaon SS to the proposed up graded 220/132/33 kV Jangaon SS -15KM
- ix. 220kV Bay Extensions at 400/220kV Jangaon SS – 6 Nos & at W.K.Pally SS -2Nos.
- x. 2nd circuit stringing on existing 132kV DC/SC Husnabad-Palamaukula line-35KM.
- xi. 132kV line with Multi circuit towers for making LILO of both ckts of 132kV Husnabad-Palamakula DC line to proposed 220/132/33kV Husnabad SS-2KM
- xii. 132 kV Bay Extensions at Husnabad SS and at Palamakula SS-2Nos.

6. 765kV Wardha - Hyderabad Link Transmission Scheme:

(T.O.O.(CE-400kV) Ms.No.105, Dt:15.07.2017)

- i. 400/220kV Maheshwaram Substation with 2x500MVA
- ii. 400kV Quad Moose DC Line from Maheshwaram 400/220kV Substation - Maheshwaram 765/400kV (PGCIL) SS – 1.5KM
- iii. 400kV Twin Moose DC Line from Maheshwaram SS –Shankarapally SS – 6.5KM
- iv. Bay extensions at Maheshwaram 765/400kV (PGCIL) SS – 2Nos.
- v. Erection of 400/220/132kV SS at Kethireddypalli with 2x315+2x100MVA.
- vi. LILO of both circuits of Shankarpally -Suryapeta QMDC Line to Kethireddypalli SS – 25KM
- vii. 400kV QMDC line from 400kV Dichpally SS to 400kV Nirmal SS – 60KM

- viii. LILO of both circuits of 400kV TMDC line from Dindi-Mamidipally to 400kV Maheshwaram SS on Multi circuit towers – 4.5KM
- ix. 400kV Quad Bay extensions at 400kV Dichpally SS – 2Nos.
- x. 400kV Quad Bay extensions at 400kV Maheshwaram SS – 4Nos.
- xi. LILO of both circuits of 220kV Dindi- Bonglur line to Maheshwaram SS on 220kV Multi-Circuit Towers – 10KM
 - i. 220kV features at existing 132/33kV Madgula Sub Station with 2x100MVA
 - ii. LILO of both circuits of 220kV Dindi- Bonglur at Proposed 220kV Madgula SS on Multi Circuit Towers – 4KM
- xiv. 220kV DC line from 400/220kV Maheshwaram SS to 220kV Fabcity SS – 26KM (4km on Multi Circuit Towers).
- xv. Erection of 220kV Bays at 220/132kV Sub-station at Fabcity – 2Nos.
- xvi. Erection of 220/132/33 kV SS at Kothur – 2x160+2x80MVA
- xvii. LILO of one ckt of 220kV Mamidipally – Shadnagar Line at Proposed Kothur 220kV SS - 3KM.
- xviii. LILO of one ckt of 220kV Shamshabad - 400kV Kethireddypalli SS line at Proposed Kothur 220kV SS - 13KM.
- xix. LILO of both ckt of 220kV Shamshabad – Yeddumailaram line and both ckts of 220kV Shadnagar - Shankarpally line to 400kV Kethireddypalli SS on 220kV Narrow Based Multi-Circuit Towers – 3 KM
- xx. Erection of 132/33kV SS at Kanakamamidi with 2x80MVA
- xxi. 220kV DC line from 400kV Kethireddypalli SS to 132/33kV Kanakamamidi SS on 220kV Narrow Based Multi Circuit Towers – 5KM
- xxii. 220/132kV Sub-Station at Banswada – 2x100MVA
- xxiii. 220kV DC line from 400/220kV SS Dichpally to 220/132kV SS Banswada – 60KM
- xxiv. Erection of 220kV Bays at 400/220kV Dichpally Sub-station – 4Nos.
- xxv. 220kV TMDC line from 400kV Dichpally SS to 220kV Dichpally SS – 5KM
- xxvi. 220kV Bays at 220kV Dichpally SS – 2Nos.

In exercise of powers conferred under Section 164 of the Electricity Act 2003, Central Act No.36 of 2003, the Government of Telangana hereby confers upon Transmission Corporation of Telangana Limited, the Transmission Supply licensee in the State of Telangana and Northern Power Distribution Company of Telangana Limited and Southern Power Distribution Company of Telangana Limited or their authorized representatives to have the power for placing of the electric supply lines or electric plant for the transmission of electricity or for the purpose of telephonic or telegraphic communications necessary for the proper co-ordination of works, that a telegraphic authority possesses under the provision of the Indian Telegraphic Act 1885 (Central Act 13 of 1885).

Any person interested/aggrieved may make representation to the Chief Engineer/ 400kV, TSTRANSCO, Vidyut Soudha, Khairatabad, Hyderabad – 500 082 within two (2) months from the date of publication of this notification.

Representations received after the due date will not be considered and TSTRANSCO will take-up the above works after due date with/without modification as it deems fit after making enquiry, if necessary.

Hyderabad,
24-04-2018.

(Sd/-),
CHIEF ENGINEER/400kV.

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